

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	HAUPERT, Frank et al.) Examiner:
PCT Application No.:	PCT/EP03/05886) unknown
PCT Filing Date:	June 05, 2003) Art Unit:
For:	PLAIN BEARING COMPOSITE) unknown
	MATERIAL)

Atty. Docket No.: 2360 0953US

Commissioner for Patents
Alexandria, VA 22313-1450
U.S.A.

INFORMATION DISCLOSURE STATEMENT

The Examiner is referred to the List of Prior Art (Form PTO-1449A).

DE 36 01 569 discloses a sliding bearing composite material having a metallic support layer, and with a lead-free sliding layer on the basis of plastic. PEEK is used as the matrix building plastic component and the lubricant comprises 3 - 15 % per weight zinc sulfide and/or barium sulfate and with 5 - 25 % per weight carbon fibers.

DE 44 30 473 discloses a plastic matrix of PTFE and powdered chalk.

DE 37 36 292 suggest the use of silicon carbide as a hardener.

DE 32 21 785 discloses the use of carbon fibers of 50 - 250µm in length, 8 - 15µm in thickness and with additional graphite particles in an amount of 5 - 15 % per weight.

10/511295

DT04 Rec'd PCT/PTO 15 OCT 2004

The applicant assumes that, in accordance with MPEP 1893.03(g), copies of the PCT search document and cited prior art have been forwarded to the USPTO by the European Patent Office. If this is not the case, applicant requests notification of same.

Paul Vincent

Dr. Paul Vincent
Reg. No. 37,461

October 08, 2004

Date

Dreiss, Fuhlendorf, Steimle & Becker
Postfach 10 37 62
D-70032 Stuttgart, Germany
Telephone +49-711-24 89 38-0
Fax +49-711-24 89 38-99

Enclosures:

PTO-Form 1449 (1 page)
non-PCT references which are not US patents or publications

10/511295
DT04 Rec PCT/PTO 15 OCT 2004

Substitute for form 1449A/110				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	PCT/EP03/05886
				Filing Date	PCT June 05, 2003
				First Named Inventor	HAUPERT, Frank et al.
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	2360 0953US

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number Kind Code		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passage or Relevant Figure Appear
		5 643 683		Tanaka	07.01.1997	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Office Number Kind Code		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		DE	36 01 569	Kolbenschmidt	07.23.1987	
		DE	44 30 474	Adam	03.28.1996	
		DE	37 36 292	Harig	05.11.1989	
		DE	32 21 785	Wegner	01.12.1984	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--